

KDHE Division of Environment Overview for House Water and Environment Committee

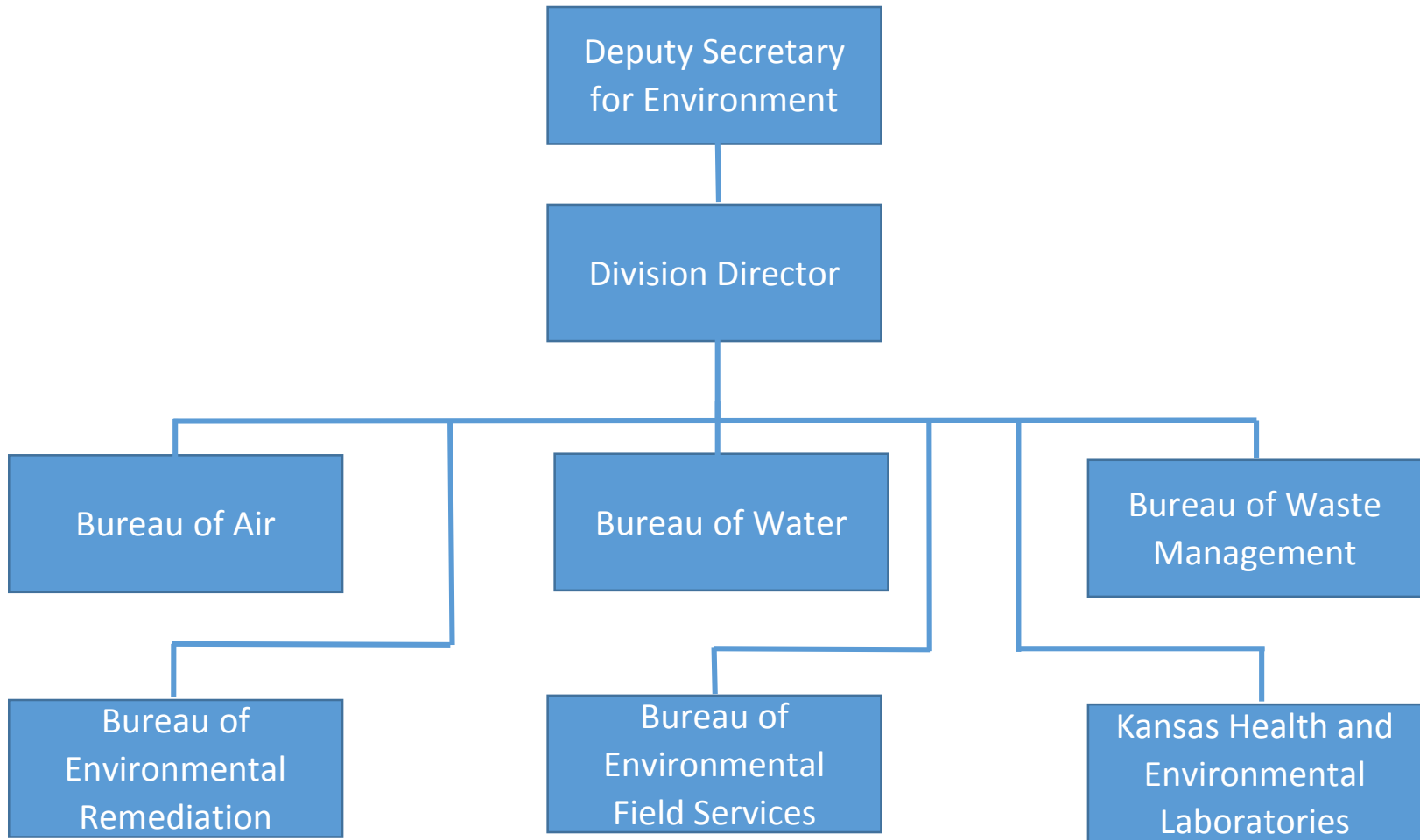
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**Gary Mason, Deputy Secretary for
Environment**

Our Mission: To protect and improve the health and environment of all Kansans



KDHE Division of Environment Organization



Bureau of Water Background

- ◆ The Bureau of Water administers programs related to public water supplies, wastewater treatment systems, the disposal of sewage and nonpoint sources of pollution. Programs are designed to provide safe drinking water, prevent water pollution and assure compliance with state and federal laws and regulations such as the Clean Water Act and Safe Drinking Water Act.

- ◆ Major Programs:
 - State Revolving Loan Funds (Clean Water & Public Water Supply)
 - NPDES Permitting, Monitoring, Inspections, Compliance and Enforcement (Municipal, Industrial, Livestock Wastewater & Stormwater)
 - Surface Water Monitoring and Assessments
 - WQ Standards and TMDL Development
 - Nonpoint Source Pollution Abatement (KS – Watershed Restoration and Protection Strategy)
 - Public Water Supply Monitoring, Reporting, Inspections, Technical Assistance, Training, Compliance and Enforcement
 - Public Water Supply Operating Permits, Plan and Specification Review
 - Underground Injection Control
 - Underground Hydrocarbon Storage
 - Local Environmental Protection Program (County Environmental Codes)
 - Operator Certification Program (wastewater and drinking water)
 - Water Well Contractor Licensing and Well Logging (new, reconstructed or plugged)
 - Wastewater Permitting (non-discharging lagoons, small animal feeding operations)

BOW Priorities:

- **Safe Drinking Water Act Implementation (surface water and groundwater)** – Insuring Kansas water systems provide safe drinking water. Priorities include compliance with the Lead and Copper Rule, new emerging contaminants of concern, updating system emergency plans, drinking water protection, and operator certification.
- **Clean Water Act Implementation (surface water)** – Restore and protect the designated uses for all water bodies in Kansas. Priorities include issuing National Pollution Discharge Elimination System (NPDES) permits, developing Total Maximum Daily Loads (TMDLs) for water bodies not meeting designated uses with an emphasis on nutrients, providing financial and technical assistance for best management practices to prevent nonpoint source pollution, and implement Watershed Restoration and Protection Strategy (WRAPS) plans.

BOW 5 to 10 Year Priorities:

- ◆ Nutrient reduction – Implementation of the Nutrient Reduction Framework. The framework was jointly created by KDHE, KWO, and KSDAg in 2012.
- ◆ Harmful Algal Blooms impacting recreation, public water supplies, and local economies. Reduce the duration, magnitude, frequency, and severity of blooms.
- ◆ Drinking Water Protection (surface and groundwater). Implement the conceptual program designed to identify, mitigate risks, and provide financial and technical assistance to protect source water from contamination.
- ◆ Sediment Reduction – Protect the quantity and quality of source water for Public Water Supplies. Preserve the integrity of water quality for biological communities and insure designated uses are being met.

Bureau of Air Background

- ◆ Mission - To protect the public and the environment from air pollution.

- ◆ Major Programs
 - Permitting
 - Ambient air monitoring
 - Compliance monitoring
 - Planning
 - Inventory

BOA Priorities:

- ◆ Federal Clean Power Plan Implementation – currently on hold. React to federal court decision(s).
- ◆ Flint Hills Burning – working with Oklahoma and Nebraska to reduce impacts in Kansas and Nebraska metropolitan communities while preserving the needs of the agricultural community and fighting invasive species.
- ◆ Revisions to bureau funding structure for programs through regulatory changes.

BOA 5 to 10 Year Priorities:

- ◆ Difficult to predict at this time.

Bureau of Waste Management Background

- ◆ **Mission** — To minimize impacts to public health and the environment associated with the generation, storage, transportation, treatment, and disposal of all solid and hazardous waste in Kansas and to maximize the recovery, reuse, and recycling of waste.
- ◆ **Major Programs**
 - Solid and hazardous waste permitting
 - Hazardous waste generator compliance assessment and training
 - Special waste disposal approval
 - Preselected animal disposal site approval
 - Old city dump inspection and repair program
 - Illegal dump cleanup
 - Solid waste beneficial use review and approval
 - Waste reduction programs (recycling and composting)
 - County and regional solid waste planning

BWM Priorities:

- ◆ Maintenance of mature programs
- ◆ Support of local communities on maintenance of old closed landfills
- ◆ Absorbing RCRA Corrective Action Requirement in place of US EPA
- ◆ Implementation of new regulations:
 - Medical Waste – updating existing 30 year old regs
 - NORM disposal regulations
 - Landfill Closure and Post-Closure regulations
 - Coal Combustion Residual regulations

BWM 5 to 10 Year Priorities:

- ◆ Maintenance of funding for programs

Bureau of Environmental Remediation Background

- ◆ Mission – To protect and improve the health and environment for all Kansans by responding to emergencies caused by the release of hazardous substances and pollution and investigating, restoring, and remediating contaminated or unsafe sites.

- ◆ Major Programs
 - Environmental Assessment, Response and Cleanup Programs
 - Petroleum Storage Tank Programs
 - Environmental Stewardship and Redevelopment Programs
 - Coal Mining and Land Reclamation Programs

BER Priorities:

- ◆ Ranking of sites/work to ensure most important sites are remediate first

BER 5 to 10 Year Priorities:

- ◆ Maintenance of Programs – Most programs are adequately funded; maintaining that funding structure is critical; both state and federal funding.
- ◆ Any new requirements would require new funding to support.
- ◆ Underground Storage Tank Program – Existing UST program will sunset in 2024. At that time the legislature will have choices to extend the program, modify it, sunset it, or privatize.

Division of Environment

- ◆ Current and 5-10 Year Priorities
 - Innovation
 - Online processing of applications
 - Use of tools (i.e. Drones, etc.)
- ◆ Staffing
 - Retirements, retainage, hiring challenges
- ◆ Changes with New Federal Administration
 - Monitoring changes
 - Active engagement to facilitate changes

◆ Questions?

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